

**ABSTRACT**

A method for machining a fiber cement workpiece into desired dimensions and geometry is disclosed. The method comprises the steps of employing a machine tool to make contact with said fiber cement workpiece and removing material by generating continuous and or semi-continuous chips out of said fiber cement workpiece. The improvement comprises employing a machining tool having at least a cutting tool insert mounted onto said machining tool, said tool insert comprising a superabrasive material of polycrystalline diamond (PCD) or polycrystalline boron nitride (PCBN) having an average grain size less than or equal to about 10 $\mu$ m.